

Converting Colors

XYZ(56.1487, 57.4452, 67.1622)

Have a look what the booklet for
XYZ(56.1487, 57.4452, 67.1622)
contains.

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Color

**XYZ(56.1306, 57.2749,
67.1282)**

Conversions

Conversions Part 1

Format	Color
Hex	CCC5CF
RGB	204, 197, 207
RGB Percent	80%, 77%, 81%
CMY	0.2000, 0.2274, 0.1882
CMYK	0.01, 0.05, 0.00, 0.19
HSL	282°, 9%, 79%
HSV	282°, 5%, 81%
XYZ	56.1306, 57.2749, 67.1282
YIQ	200.2330, 0.9620, 4.5940

Conversions

Conversions Part 2

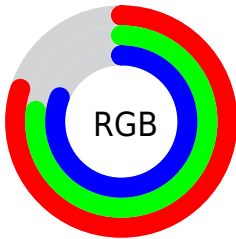
Format	Color
R_{YB}	204, 197, 207
Decimal	13419983
CIE _{Lab}	80.33, 4.26, -4.13
CIE _{LCh}	80, 5.931, 315.902
Yxy	57.2749, 0.3109, 0.3173
Android (android.graphics.Color)	4291610063 (0xFFCCC5CF)
YUV	200.2330, 3.3361, 3.3037
Hunter-Lab	75.6802, -0.0502, 0.3860

Details

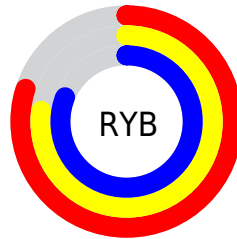
The XYZ color **56.1306, 57.2749, 67.1282** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.2124, 60.9377, 61.6257**, and the grayscale version is **55.0244, 57.8899, 63.0421**.

A 20% lighter version of the original color is **94.7318, 99.3636, 108.7939**, and **28.1499, 28.4289, 34.1407** is the 20% darker color. If you saturate the color by 10%, you get **50.0811, 47.6526, 65.5906**, and if you desaturate by 10%, it is **62.8967, 68.2280, 68.8866**.

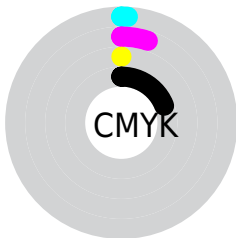
Distribution



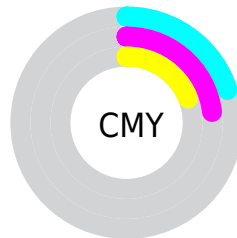
- Red (80%)
- Green (77%)
- Blue (81%)



- Red (80%)
- Yellow (77%)
- Blue (81%)



- Cyan (1%)
- Magenta (5%)
- Yellow (0%)
- Black (19%)



- Cyan (20%)
- Magenta (23%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.1306, 57.2749, 67.1282 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 56.1306, 57.2749, 67.1282 by changing the saturation by 10% instead.

■ 56.1306, 57.2749,
67.1282

■ 56.1306, 57.2749,
67.1282

400.2505,
414.4786, 468.9149

■ 40.5451, 41.2260,
48.7266

98.3342, 100.8662,
116.7465

■ 28.1499, 28.4957,
34.0386

125.6830,
129.1774, 148.8002

■ 18.5797, 18.6997,
22.6456

157.6835,
162.3447, 186.2417

■ 11.4692, 11.4535,
14.1292

194.7012,
200.7527, 229.4895

■ 6.4529, 6.3727,
8.0708

237.1014,
244.7857, 278.9622

■ 3.1657, 3.0730,
4.0519

285.2495,

■ 1.2420, 1.1700,

294.8281, 335.0783

1.6538

339.5107,
351.2642, 398.2564

■ 0.1391, 0.0370,
0.3288

■ 0.0000, 0.0000,
0.0000

■ 56.1306, 57.2749,
67.1282

■ 56.1306, 57.2749,
67.1282

■ 50.0811, 47.6526,
65.5906

■ 62.8967, 68.2280,
68.8866

■ 44.7163, 39.3009,
64.2613

■ 70.4000, 80.5541,
70.8703

■ 40.0093, 32.1662,
63.1323

■ 77.3423, 91.6554,
72.6472

■ 35.9291, 26.1879,
62.1934

■ 79.2875, 92.6582,
72.7382

■ 32.4422, 21.3002,
61.4338

■ 81.3036, 93.6975,
72.8326

■ 29.5118, 17.4306,
60.8413

■ 83.3914, 94.7738,
72.9303

■ 27.0964, 14.4975,
60.4025

■ 85.5514, 95.8874,
73.0314

■ 25.1482, 12.4064,
60.1015

■ 87.7846, 97.0386,
73.1359

■ 23.6089, 11.0424,
59.9194

■ 88.2626, 97.2851,
73.1583

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



55.0798, 57.2749, 69.0110



56.1306, 57.2749, 67.1282



56.7321, 57.2749, 64.0041

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



56.1306, 57.2749, 67.1282



55.0083, 57.2749, 56.1048



52.2253, 57.2749, 64.2111

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



56.1306, 57.2749, 67.1282



56.2124, 60.9377, 61.6257

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



52.2068, 57.2749, 60.7495



56.1306, 57.2749, 67.1282



53.8014, 57.2749, 56.1556

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



56.1306, 57.2749, 67.1282



56.0776, 57.2749, 57.6867



52.7799, 57.2749, 57.8281



52.8308, 57.2749, 67.2846

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



56.1306, 57.2749, 67.1282



56.7916, 57.2749, 61.6781



52.7799, 57.2749, 57.8281



52.1505, 57.2749, 63.0522

Sweetspot

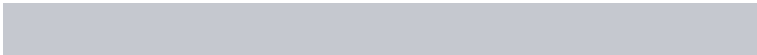
The Sweet Spot groups the original color and five complimentary colors.



56.1323, 57.2774, 67.1294



93.9609, 98.2389, 108.6175



54.9836, 57.7636, 67.2838



20.1230, 21.0457, 23.2516



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



56.1323, 57.2774, 67.1294



88.6928, 89.7633, 107.2592



56.7397, 57.6162, 65.9949



12.3425, 12.4484, 14.9959



14.5393, 6.6756, 37.7147



0.8910, 0.4135, 2.1124

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



56.1257, 57.3707, 62.7619



88.6853, 89.9531, 98.5085



55.6303, 60.6132, 62.7015



12.3417, 12.4774, 13.6698



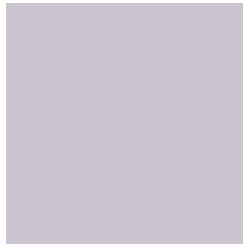
16.7991, 8.5925, 3.8481



0.9744, 0.4945, 0.3998

Previews

White Background



This preview shows how the XYZ color 56.1306, 57.2749, 67.1282 looks on a white background.

Color Contrast Check

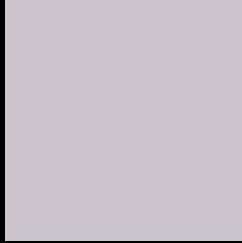
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 56.1306, 57.2749, 67.1282 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

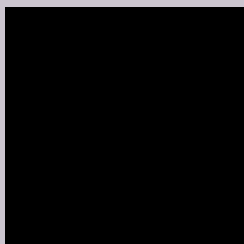
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.1306, 57.2749, 67.1282

Background



This preview shows how black text looks on a background with the XYZ color 56.1306, 57.2749, 67.1282.

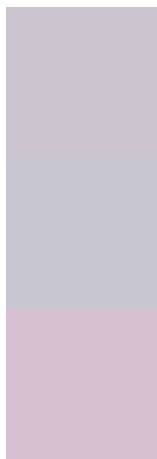


This preview shows how white text looks on a background with the XYZ color 56.1306, 57.2749,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

56.1306, 57.2749, 67.1282

Protanopia

55.3987, 57.2216, 67.7996

Deuteranopia

58.4795, 57.1411, 67.6216



Tritanopia

56.8004, 57.2125, 70.3368

Trichromacy



Original Color

56.1306, 57.2749, 67.1282

Protanomaly

55.6666, 57.3597, 67.8121

Deuteranomaly

57.5409, 56.9865, 67.6413

Tritanomaly

56.5496, 57.1121, 69.0160

Monochromacy



Original Color

56.1306, 57.2749, 67.1282

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

55.2903, 57.5762, 64.6991

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.1306, 57.2749, 67.1282 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(204, 197, 207) looks like.

```
.text, #text, p{  
    color:rgb(204, 197, 207)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(204, 197, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 197, 207) }
```

Border

The CSS property to change the border of an element to XYZ 56.1306, 57.2749, 67.1282 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(204, 197, 207) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(204, 197, 207) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(204, 197, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 197, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 197, 207);  
box-shadow:4px 4px 4px 4px rgb(204, 197,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 56.1306, 57.2749, 67.1282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 197, 207) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(204,  
197, 207) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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